

Technical Data Sheet

18 May 2016

LONG OIL ALKYD @ 70% SOLIDS IN ALIPHATIC SOLVENT

KULAC LSN 53W/70

Kulac LSN 53W/70 is a 70% solids long oil alkyd in white spirits formulated for use in quality architectural coatings exhibiting good gloss, durability and yellowing resistance.

Kulac LSN 53W/70 was formerly manufactured and sold under the code of **Kulac LOS 70WHV**.

Application Areas

Kulac LSN 53W/70 may be used in the formulation of brush or roller applied decorative finishes such as:

- Enamels
- Undercoats
- Primers

Physical Characteristics

Compatibility Characteristics ²

Parameter	Units	Limits	Solvents	
Oil Length	%	± 58	Alcohols	Limited
Oil Type	Nil	Linoleic Rich	Aliphatics	Compatible
Non-Volatile Content	%	70 ± 2	Aromatics	Compatible
Viscosity (25°C) ³	Poise	> 800	Esters	Compatible
Viscosity (25°C)	Gardner	Z ₉ min	Ketones	Compatible
Viscosity (25°C) @ 55% solids	Gardner	Z ₂ to Z ₃		
Viscosity (25°C) @ 50% solids ³	Poise	9 to 11		
Solids @ 2 Poise in W.S.	%	± 44	Other Film Formers	
Acid Value (on solids)	mg KOH/g	10 Max.	Amino Resins	Incompatible
Colour	Gardner	5 Max.	Bodied Oils	Limited
Clarity	Nil	Clear	Chlorinated Rubber	Limited
B. K. Drying Times ¹			Drying Oils	Compatible
Touch Dry	Hours	± 2	Long Oil Alkyds	Compatible
Hard Dry	Hours	± 3 ½	Medium Oil Alkyds	Compatible

Note:

¹ Sample containing 0.05% Co and 0.5% Pb on resin solids reduced to 100 seconds Ford 4 with white spirits and matured for 48 hours. The varnish is subsequently applied at a 75µ wet film thickness to glass panels and allowed to dry under laboratory conditions.

² Compatibility characteristics are provided for guidelines only. Combinations should be thoroughly checked before use.

³ These parameters are provided for information purposes only and do not form part of the product specification.

Packaging

Kulac LSN 53W/70 is available in 190 Kg Net mild steel tight head drums. For alternative packaging requirements please contact our Sales Department.

Variants

Kulac LSN 53W/70 is currently not available in any variant forms.

Storage Stability and Safety

Kulac alkyd resins should be stored below 30°C in a cool, dry position away from direct sunlight or other heat sources. Under these conditions the resins will have a shelf life of one year.

Kulac alkyds should additionally be stored and handled in accordance with local statutory regulations.

No warranty or guarantee, express or implied, is made regarding the suitability of this product for any application since the customer's product formulation and manner of use are beyond our control. As such each customer product formulated on KCMC resins should be thoroughly tested and evaluated by the customer prior to commercialisation.